

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 11-347247

(71)Applicant : CASIO COMPUT CO LTD

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(72)Inventor : IWANAGA MASAKUNI

(54) LIGHT SOURCE DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a light source device used as a back light in a liquid crystal display panel, which device has an increased brightness.

SOLUTION: A light guide plate 11 has a planar rectangular shape and is composed of adjacent two sides 12a and 12b as incident faces, a surface as an emitting face 13, and a back surface as a slanted face 15 which is inclined such that the thickness of the light guide plate is gradually thin in a diagonal direction from an adjacent portion between both incident faces 12a and 12b. On the incident faces 12a and 12b are disposed straight-shaped fluorescent tubes 18a and 18b. Light from the respective fluorescent tubes 18a and 18b is incident on the corresponding incident faces 12a and 12b of the light guide plate 11. Alternatively, the fluorescent tubes may also be three or four in number, and a slanted face for the respective fluorescent tubes may be formed on the back surface of the light guide plate.

